Name of Work : Improvements to roads and footpath maintenance in Ward No -11 Kuvempunagara.

Detailed Measurements

Date of Pre-Measurement : 10-06-2019 & 17-06-2019

Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3 (P.143/I.19.1PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)							
	Desilt							
	MS Palya, LHS		1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	5.00	0.60	0.60	1.80	
	Continued		1	4.00	0.60	0.60	1.44	
			1	9.80	0.60	0.60	3.53	
	Debris		1	10.00	1.50	0.20	3.00	
			1	10.00	1.80	0.30	5.40	
	Culvert							
	Kaliyamma devi road		1	5.50	1.80	1.00	9.90	
	Vaishnavi bakery road		1	5.60	1.80	1.00	10.08	
			1	5.20	1.80	1.00	9.36	
	8th cross		1	8.00	1.80	1.00	14.40	
	7th cross		1	7.00	1.80	1.00	12.60	
	Vivekananda circle Cr Rd		1	6.00	0.50	0.50	1.50	
						Present Qty	**105.41**	**Cum**

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Contractor

Asst Engineer 17/06/19

12/6/19
Asst Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of Work : Improvements to roads and footpath maintenance in Ward No -11 Kuvempunagara.							
Detailed Measurements							
Date of Pre-Measurement : 21.06.2019 & 27/06/19.							
Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit
2	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.25/I.5.6 PW, P & IWTD BENGALURU CIRCLE - SR 2018-19)							
	Culvert							
	Kaliyamma devi road		2	5.50	0.50	0.90	4.95	
	Vinishnavi bakery road		2	5.60	0.50	1.00	5.60	
			2	5.20	0.50	1.00	5.20	
	8th cross		2	8.00	0.50	1.20	9.60	
	7th cross		2	7.00	0.50	1.20	8.40	
						Present Qty	**33.75**	**Cum**

Contractor

Asst Engineer 27/06/19

27/6/19

Asst Exe Engineer

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of Work : Improvements to roads and footpath maintenance in Ward No -11 Kuvempunagara.

Detailed Measurements

Date of Pre-Measurement : 08/06/2019 & 24/06/2019.

Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit
3	KSHB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.							
	Culvert							
	Kaliyamma devi road		1	5.50	1.80	0.20	1.98	
	Vinishnavi bakery road		1	5.60	1.80	0.20	2.02	
			1	5.20	1.80	0.20	1.87	
	8th cross		1	8.00	1.80	0.20	2.88	
	7th cross		1	7.00	1.80	0.20	2.52	
						Present Qty	**11.27**	**Cum**

Contractor

Asst Engineer

Asst Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of Work : Improvements to roads and footpath maintenance in Ward No -11 Kuvempunagara.

15

Detailed Measurements

Date of Measurement :

Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	KSRRB M600-6. Cement concrete pavement. Construction Un- reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051 .2.2 M30 at 450 Kg per cum, coarse and fine aggregate conforming to IS : 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction expansion									
	CC Road									
	AJ hardware Beside		1	17.20	3.60	0.15	9.29			
			1	24.40	4.10	0.15	15.01			
			1	11.30	4.10	0.15	6.95			
			1	12.00	2.60	0.15	4.68			
			1	6.40	3.50	0.15	3.36			
			1	6.40	1.00	0.15	0.96			
	Ganesh layout Park Rd		1	15.00	7.20	0.15	16.20			
			1	10.60	7.60	0.15	12.08			
			1	4.00	2.80	0.15	1.68			
			-1	1.35	1.40	0.15	-0.28			
	Concrete Pothole filling		-1	0.80	0.80	0.15	-0.10			
			3	1.00	1.30	0.15	0.59			
			4	1.50	1.00	0.15	0.90			
			2	1.20	1.20	0.15	0.43			
			5	1.80	1.90	0.15	2.57			
						Present Qty	**74.31**	**Cum**	**5750.00**	**427282.50**

Checked.
16/9/19

Contractor

Asst Engineer 16/9/19

Asst Executive Engineer 16/9/19

Executive Engineer
Project Division
Yelahanka Zone
Bangalore